

What is claimed is:

- 1 1. An attachment system for attaching modules to at least one rail
2 provided on an interior portion of a vehicle, comprising:
3 a latch device configured for movement between a first position and a
4 second position; and
5 at least one projection extending from the latch device and configured
6 to engage the rail member when the latch device is moved to the second
7 position and to disengage the rail member when the latch device is moved
8 from the second position to the first position.
- 1 2. The attachment system of Claim 1 wherein the projection is a
2 foot configured to extend into a recess within the rail member.
- 1 3. The attachment system of Claim 1 wherein the latch device is
2 configured for a quarter-turn movement between the first position and the
3 second position.
- 1 4. The attachment system of Claim 1 wherein the latch device
2 further comprising a spring member configured to bias the projection to
3 engage the rail member.
- 1 5. The attachment system of Claim 1 wherein the latch device
2 further comprises an extension configured to engage one or more apertures
3 on the rail member so that the module is prevented from sliding along the rail
4 member.
- 1 6. The attachment system of Claim 1 wherein the at least one
2 projection is two projections.
- 1 7. The attachment system of Claim 6 wherein the two projections
2 extend in generally opposite directions.
- 1 8. The attachment system of Claim 1 wherein the latch device is
2 configured for concealment beneath a movable panel.

1 9. The attachment system of Claim 1 wherein the latch device
2 further comprises a slot configured to receive an object for rotating the latch
3 device.

1 10. The attachment system of Claim 1 wherein the projection is
2 configured to engage a side portion of the rail member.

1 11. The attachment system of Claim 1 wherein the projection is
2 configured to engage a flange portion of the rail member.

1 12. The attachment system of Claim 1 wherein the projection is
2 configured to extend through an opening in the rail member.

1 13. The attachment system of Claim 1 wherein the latch device
2 comprises a lever.

1 14. The attachment system of Claim 13 wherein the lever has a first
2 end and the lever is configured for pivotal movement about the first end.

1 15. The attachment system of Claim 1 wherein the latch device
2 further comprises a hook portion.

1 16. The attachment system of Claim 15 wherein the hook portion is
2 configured for operation as an over-center device.

1 17. The attachment system of Claim 1 wherein the latch device
2 further comprises a flange configured to engage a recess on the rail member.

1 18. The attachment system of Claim 1 wherein the latch device
2 further comprises a wing member configured to engage an outer surface of
3 the rail member.

1 19. The attachment system of Claim 18 wherein the projection is a
2 foot member extending from the wing member.

1 20. The attachment system of Claim 1 wherein the projection is a
2 foot configured to engage the rail in an interference relationship when the
3 latching device is in the second position.